YANGsters Weekly Telephone Conference

Date/Time:
2019-12-10 (week 50)
10 a.m. – 11 a.m. (Eastern Time)

Participants:
• Scott Mansfield (Ericsson)
• Stephan Kehrer (Hirschmann)
• Don Fedyk (LabN Consulting)
• Johannes Specht (Univ Duisburg-Essen)
• Mark Ellison (Independent)
• Paul Congdon (Tallac/Huawei)
• William Zhao (Siemens)

Topics:
• IPR Call
  o Call for essential patents was made with no response
• Agenda Bash
  o Agenda was agreed as presented on the slides
  o No new items have been brought up
• Maintenance Items (https://www.802-1.org/items/357)
  o Johannes Specht walked YANGsters through the maintenance items as shown in http://www.ieee802.org/1/files/public/docs2019/maint-specht-yang-comments-0919-v01.pdf. Subsequent references to item numbers are relating to the PDF document
  o For items where YANGsters decide that changes need to be made to the already published YANG modules the fixes will be assigned to running projects already touching the modules
  o Johannes will update the table with suggested remedy and project that it is assigned to for the fix
  o Category “bad reference”:
    ▪ References given in the YANG reference field are not pointing to the correct part of .1Q. This needs to be corrected.
  o Category “802.1Q conformance”:
    ▪ 802.1Q does not have component names so the “name” field should not be there
    ▪ Additionally the field “name” is read/write and used as key. This is not correct. “Name” should either be deleted or made read-only.
  o Category “YANG ‘leafref’ nodes”
    ▪ This is a reference by name; this is inefficient and there is nothing like a component name in the managed objects of the standard.
  o Category “YANG data consistency”
Currently some elements do give values in an implicit way (e.g. number of ports). This should be made consistent, either by deleting the object in question or by putting a constraint on it (e.g. via a “must” statement)

- Consistency of automatic updates for objects related to each other currently seems to be not reflected in the YANG module as it should be

  o YANGsters should talk to the original editor of the dot1q-bridge yang module to get a feeling for the reasons why things have been done the way they are done in the module. This seems a requirement to ensure that nothing breaks by what seems to be a rather big overhaul of the dot1q-bridge module

  o An overhaul project to the YANG module might be required; this needs to be discussed and verified with the group chair

  o Suggested way forward:

    - Talk to the editor of the dot1q-bridge module to find out why things have been done the way they are done
    - Discuss the actual topics on the YANGsters calls
    - If a major overhaul is required, check the process and see if a new project is required

  o There need to be discussions on general YANG modelling issues; this will work best in a face to face meeting. Options for this are:

    - Ask for additional time during the next interim or plenary meetings
    - Set up a YANGsters face to face interim in addition

  o Action items

    - discuss the spreadsheet of Johannes
    - discuss with the authors of the modules to see why things have been done the way they have been done
    - set up a decision process to establish if changes should be done as maintenance items in existing PARs or if they need a dedicated PAR

- Status of YANG Documents (time permitting)
  - No time left on the call for this topic so it was postponed

- Any Other Business
  - No other business

- Next Meeting 17 December 1000-1100 EST (UTC/GMT -5 hours)